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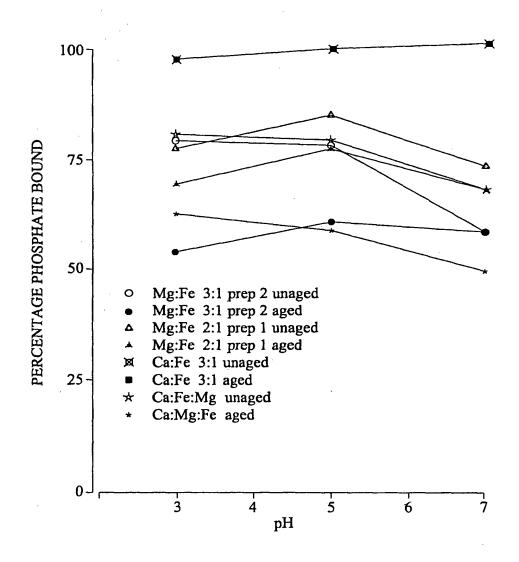
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FIG. 1

Effect of pH and ageing on percentage phosphate binding of mixed metal compounds



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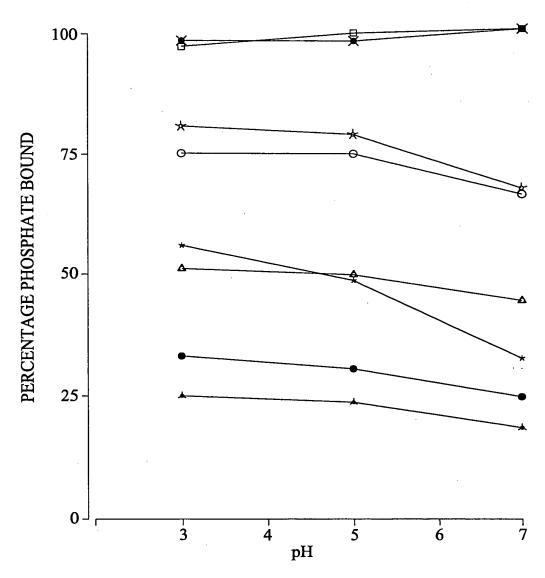


FIG. 2

Effect of pH and drying on percentage phosphate binding of mixed metal compounds

O Mg:Fe 3:1 prep 3 Wet
□ Mg:Fe 3:1 wet
■ Mg:Fe 3:1 prep 3 Dry
□ Ca:Fe 3:1 Wet
★ Ca:Fe 3:1 Dry
★ Ca:Fe:Mg Wet

Mg:Fe 2:1 prep 2 Dry * Ca:Mg:Fe Dry



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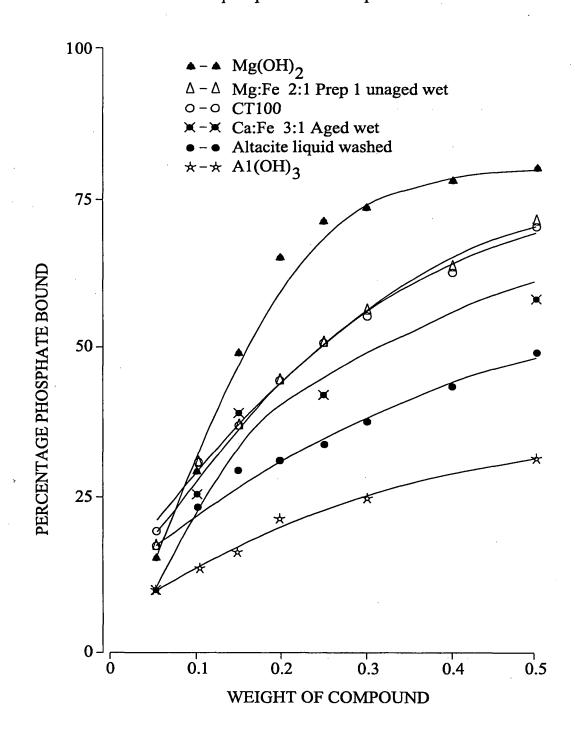
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FIG. 3

Effect of increasing weight of compound on percentage phosphate bound at pH3



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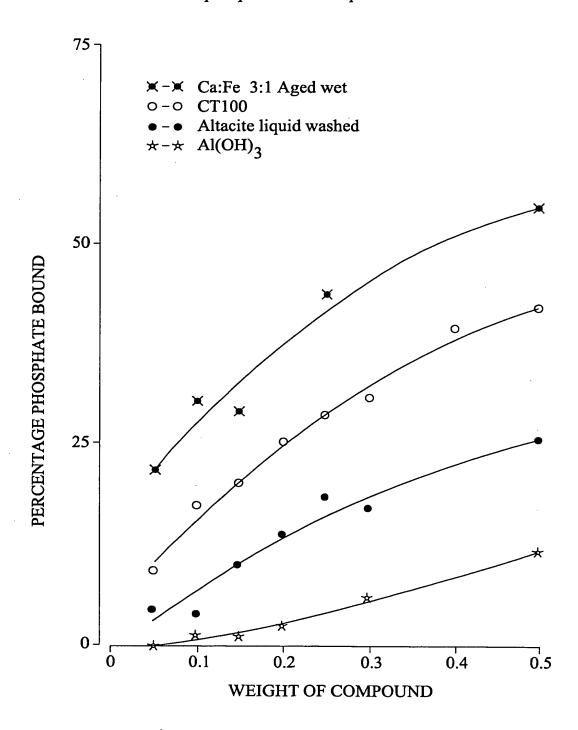
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FIG. 4

Effect of increasing weight of compound on percentage phosphate bound at pH7



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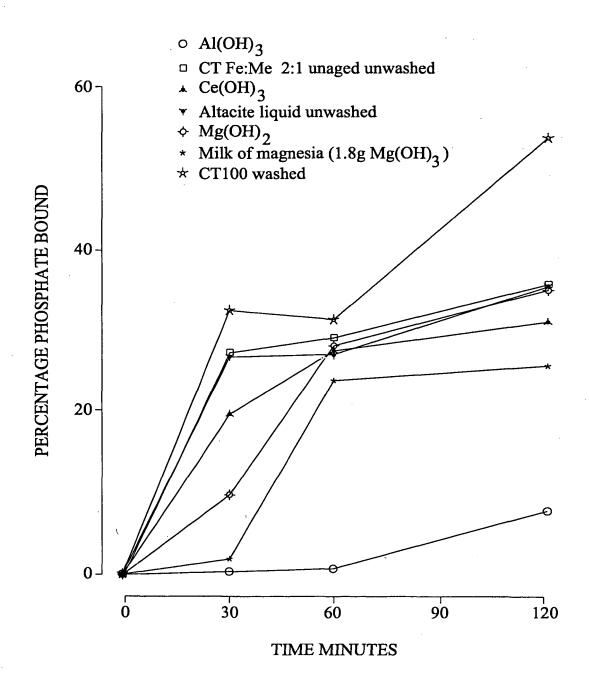
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FIG. 5

Time course of phosphate binding in food



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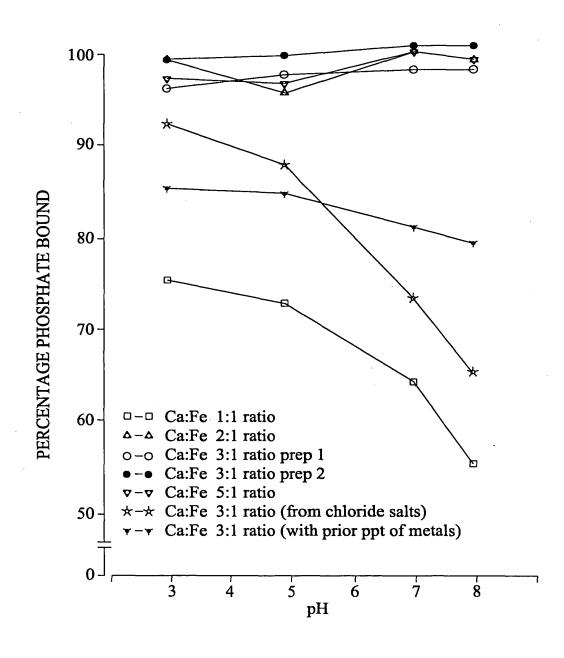
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FIG. 6

Phosphate binding by the calcium ferric iron preparations over the pH range 3-8



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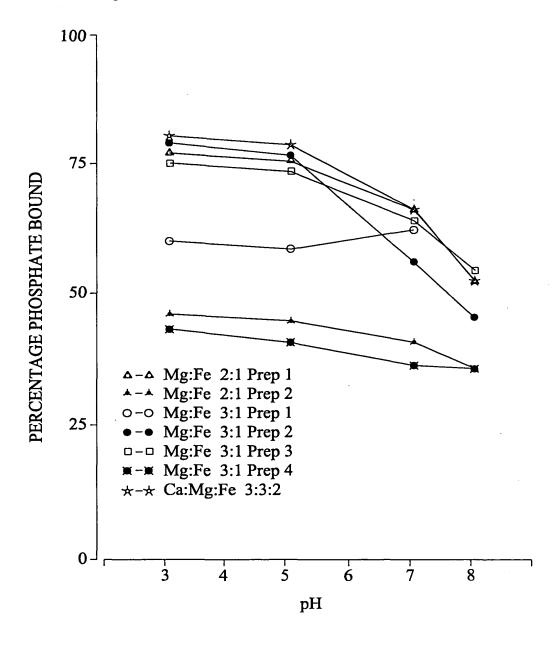
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FIG. 7

Phosphate binding by the magnesium ferric iron and calcium magnesium ferric iron preparations over the pH range 3-8



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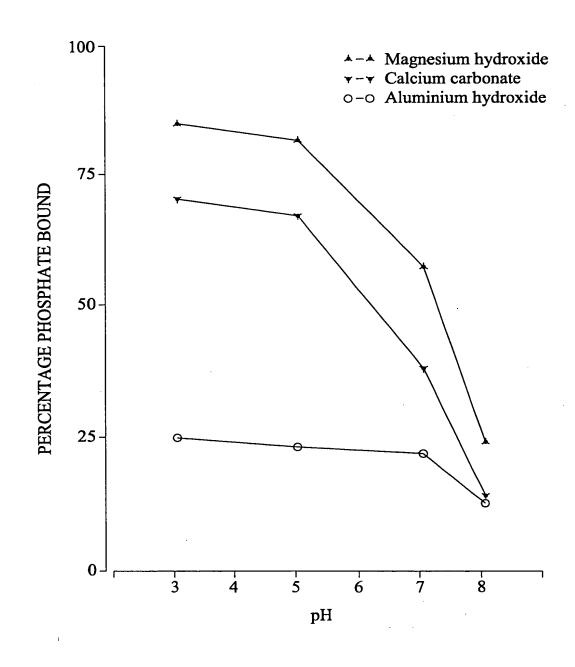
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FIG. 8

Phosphate binding by aluminium hydroxide, magnesium hydroxide and calcium carbonate over the pH range 3-8



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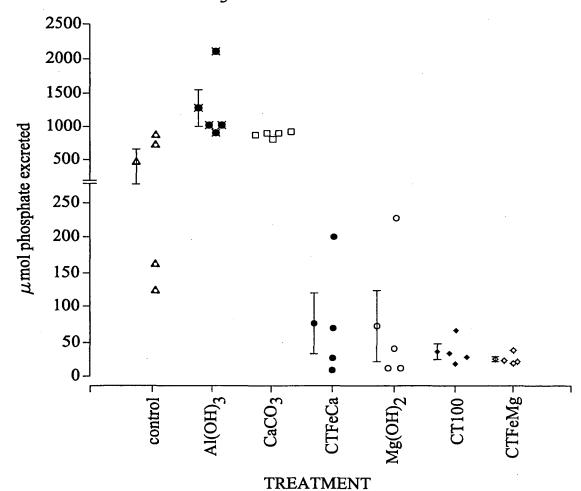
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FIG.

Individual and mean (±1SEM) urinary phosphate excretion for control rats and those treated with phosphate binding compounds. Individual values of urinary phosphate excretion (μ mol/24 hours) were plotted for controls (a) and animals treated with Al(OH)3(x), CaCO3(1), $CTFeCa(\bullet)$, $Mg(OH)_2(\circ)$, $CT100(\bullet)$ and CTFeMg(*). Mean (±SEM) for each group are presented by points with error bars. *p<0.05 compared to Al(OH)₃ treated animal groups.



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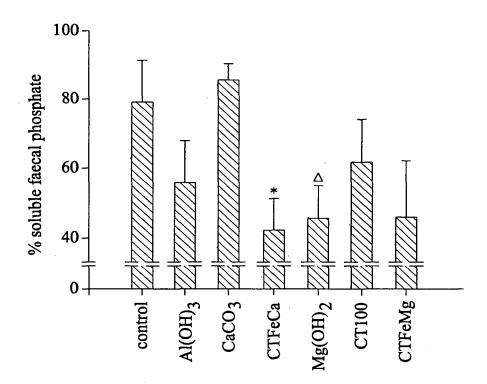
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FIG. 10

Mean (+1SEM) soluble faecal phosphate (g-1 dry weight as a percentage of total soluble and unsoluble) faecal phosphate (g¹ dry weight) for control rats and those treated with phosphate binding compounds.

* p<0.05 compared to control and CaCO3treated animals △ p<0.05 compared to CaCO3 treated animals



TREATMENT